

Converting Colors

CIELCh(75, 22.954, 24.285)

Have a look what the booklet for
CIELCh(75, 22.954, 24.285) contains.

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Color

CIELCh(75, 22.987, 24.032)

Conversions

Conversions Part 1

Format	Color
Hex	E4AAA8
RGB	228, 170, 168
RGB Percent	89%, 67%, 66%
CMY	0.1044, 0.3319, 0.3398
CMYK	0.00, 0.25, 0.26, 0.10
HSL	2°, 53%, 78%
HSV	2°, 26%, 90%
XYZ	53.6565, 48.2781, 43.7076
YIQ	187.1140, 35.2100, 11.6740

Conversions

Conversions Part 2

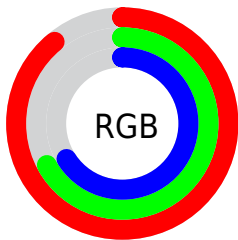
Format	Color
R _Y B	228, 170, 168
Decimal	14985896
CIE Lab	75.00, 20.99, 9.36
CIE LCh	75, 22.987, 24.032
Yxy	48.2781, 0.3684, 0.3315
Android (android.graphics.Color)	4293175976 (0xFFE4AAA8)
YUV	187.1140, -9.4232, 35.8570
Hunter-Lab	69.4824, 16.2489, 11.3416

Details

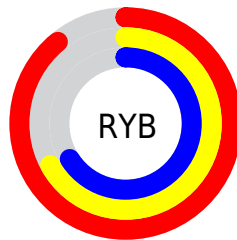
The CIELCh color **75, 22.987, 24.032** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **86, 19.177, 201.306**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 10.753, 28.312**, and **55, 23.005, 23.441** is the 20% darker color. If you saturate the color by 10%, you get **69, 32.971, 25.152**, and if you desaturate by 10%, it is **81, 13.682, 23.188**.

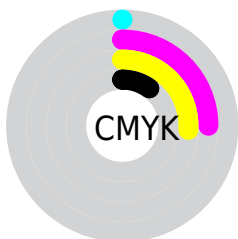
Distribution



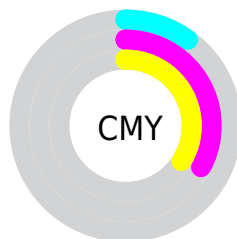
- Red (89%)
- Green (67%)
- Blue (66%)



- Red (89%)
- Yellow (67%)
- Blue (66%)



- Cyan (0%)
- Magenta (25%)
- Yellow (26%)
- Black (10%)



- Cyan (10%)
- Magenta (33%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 22.987, 24.032 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 75, 22.987, 24.032 by changing the saturation by 10% instead.

 75, 22.987, 24.032

 75, 22.987, 24.032

 100, 22.987,
24.032

 65, 22.987, 24.032

 95, 22.987, 24.032

 55, 22.987, 24.032

 45, 22.987, 24.032

 35, 22.987, 24.032

 25, 22.987, 24.032

 15, 22.987, 24.032

 5, 22.987, 24.032

 0, 22.987, 24.032

 75, 22.987, 24.032

 75, 22.987, 24.032

69, 32.971, 25.152

81, 13.682, 23.188

64, 43.565, 26.620

87, 5.071, 22.485

59, 54.599, 28.540

93, 2.879, 202.347

55, 65.795, 30.987

98, 9.059, 198.906

52, 76.725, 33.935

50, 86.620, 37.066

48, 93.812, 39.469

48, 95.789, 40.270

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75, 22.987, 24.032



86, 19.177, 201.306

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75, 22.987, 24.032



75, 22.987, 74.032



75, 22.987, 204.032



75, 22.987, 254.032

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75, 22.985, 24.038



95, 7.110, 22.610



76, 37.574, 326.801



50, 5.084, 22.714



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75, 22.985, 24.038



79, 31.312, 24.659



82, 20.281, 75.566



45, 4.661, 22.707



37, 79.521, 40.349



7, 26.467, 23.458

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



86, 19.177, 201.306



94, 24.945, 201.136



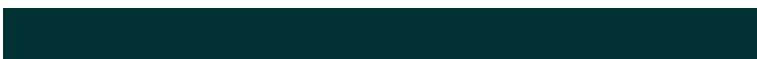
78, 19.156, 263.013



47, 4.386, 201.963



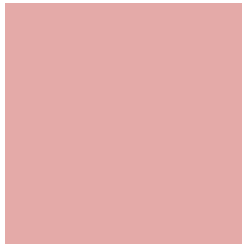
64, 36.627, 201.783



18, 15.474, 200.915

Previews

White Background



This preview shows how the CIELCh color 75, 22.987, 24.032 looks on a white background.

Color Contrast Check

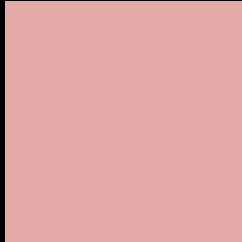
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 75, 22.987, 24.032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

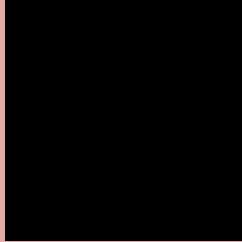
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 22.987, 24.032

Background



This preview shows how black text looks on a background with the CIELCh color 75, 22.987, 24.032.



This preview shows how white text looks on a background with the CIELCh color 75, 22.987, 24.032.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75, 22.987, 24.032

Protanopia

75, 4.851, 81.756

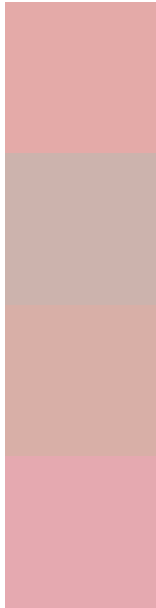
Deuteranopia

75, 13.580, 45.940



Tritanopia
75, 24.775, 5.454

Trichromacy



Original Color
75, 22.987, 24.032

Protanomaly
75, 10.199, 38.480

Deuteranomaly
75, 16.784, 35.410

Tritanomaly
75, 23.587, 12.450

Monochromacy



Original Color
75, 22.987, 24.032

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 8.009, 23.833

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 22.987, 24.032 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(228, 170, 168)` looks like.

```
.text, #text, p{  
    color:rgb(228, 170, 168)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(228, 170, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 170, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 22.987, 24.032 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 170, 168) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(228, 170, 168) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(228, 170, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 170, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 170, 168);  
box-shadow:4px 4px 4px 4px rgb(228, 170,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 22.987, 24.032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 170, 168) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(228,  
170, 168) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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